

Title (en)
POWERED TOOTHBRUSH

Title (de)
ELEKTRISCHE ZAHNBÜRSTE

Title (fr)
BROSSE À DENTS ÉLECTRIQUE

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Application
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Abstract (en)
[origin: WO2015095384A1] A powered toothbrush apparatus with capacitive touch control is disclosed. The tooth brush includes a head portion having an oscillating tuft block driven by a motor, a handle portion, and an elastically deformable capacitive touch control panel mounted in the handle portion. In one embodiment, the control panel includes a plurality of capacitance sensor buttons each having movable sensor targets paired with a corresponding capacitance sensor electrically connected to a programmable microprocessor. Applying finger pressure on the control panel adjacent a sensor target changes capacitance of the sensor button. The microprocessor detects the change in capacitance, which controls the operating mode of the toothbrush including on/off, motor speed, brushing mode such as pulse, or other. A related operating method is disclosed.

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